

Data File : VU033328.D
Acq On : 18 Jul 2019 19:26
Operator : JC/SP
Sample : K3863-16
Misc : 4.40g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52G5

Quant Time: Jul 19 01:49:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	383146	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	376698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	198348	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125897	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.82%
7) Chloroethane-d5	1.63	69	97035	39.16	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.32%
11) 1,1-Dichloroethene-d2	2.23	63	215819	41.02	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.04%
21) 2-Butanone-d5	4.16	46	209284	113.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.88%
24) Chloroform-d	4.62	84	232564	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.28	65	152771	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
32) Benzene-d6	5.31	84	490853	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
36) 1,2-Dichloropropane-d6	6.31	67	156170	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.52%
41) Toluene-d8	7.54	98	446147	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.83	79	74710	51.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.94%
47) 2-Hexanone-d5	8.31	63	160901	120.57	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.57%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	245024	54.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	194159	54.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.78%

Target Compounds

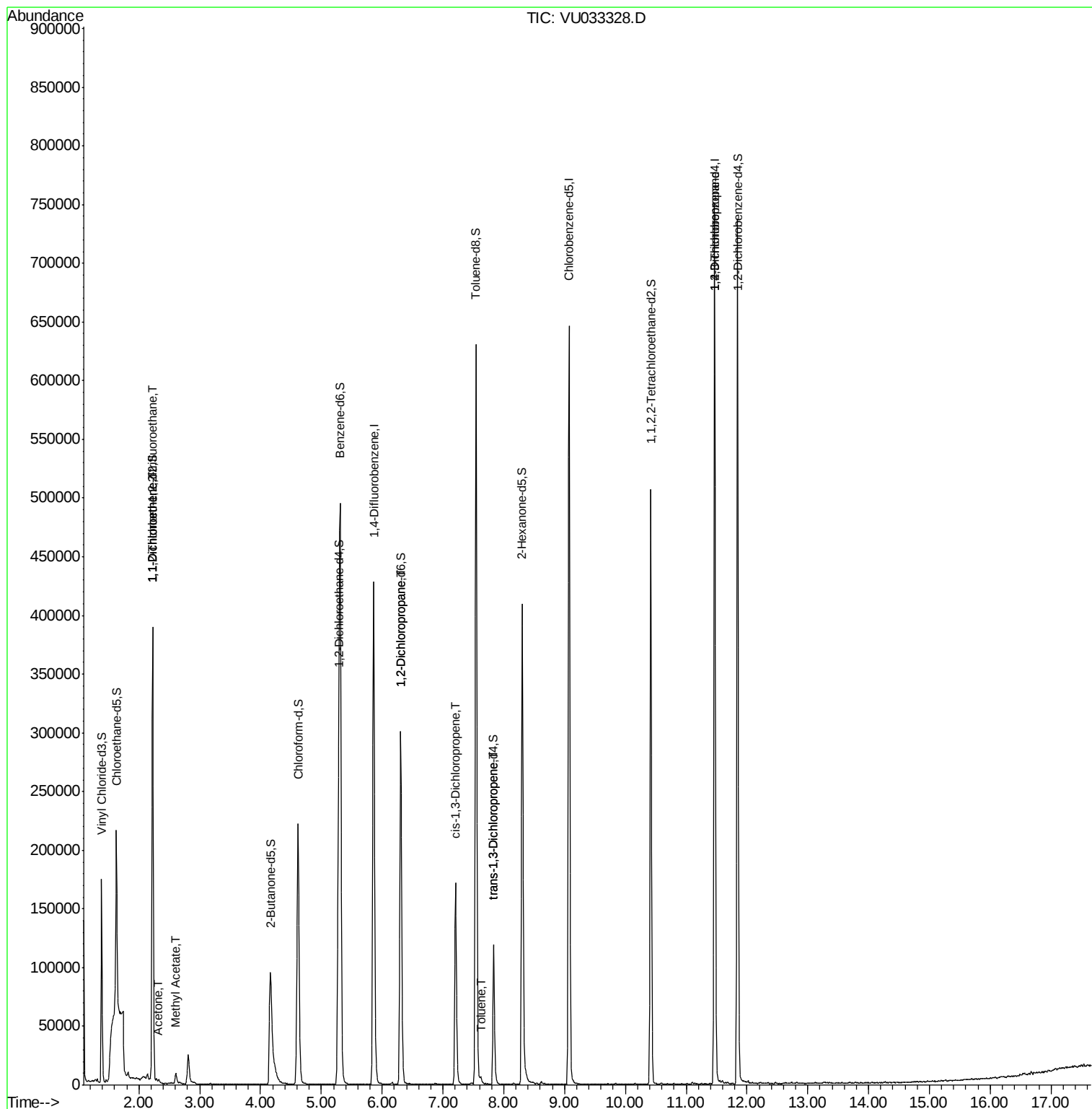
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	1877	0.718 ug/L #	21
12) 1,1-Dichloroethene	2.23	96	1873	0.732 ug/L #	1
13) Acetone	2.32	43	3925	1.709 ug/L	94
15) Methyl Acetate	2.61	43	11434	3.813 ug/L	96
37) 1,2-Dichloropropane	6.31	63	16719	5.612 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4494	0.984 ug/L #	71
42) Toluene	7.62	91	4312	0.364 ug/L	97
44) trans-1,3-Dichloropropene	7.83	75	3520	0.854 ug/L	90
59) 1,2,3-Trichloropropane	11.47	75	23115	5.960 ug/L	90

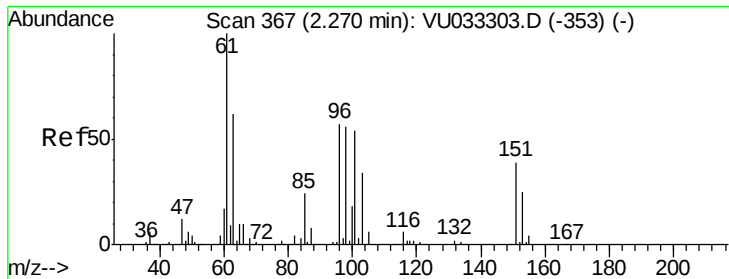
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.718 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.05 min

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Instrument :

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A52G5

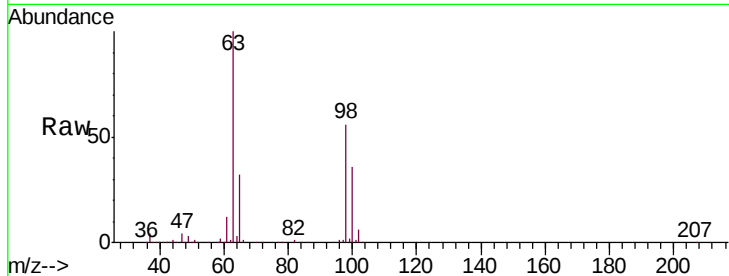
Tgt Ion: 101 Resp: 1877

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

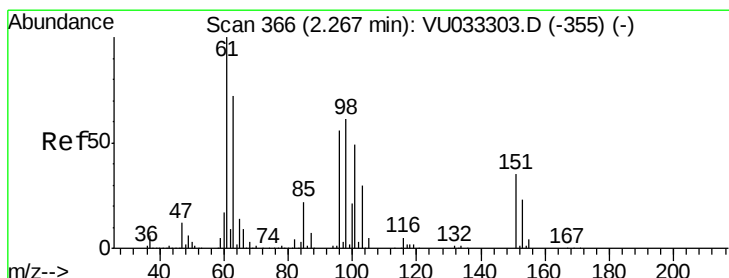
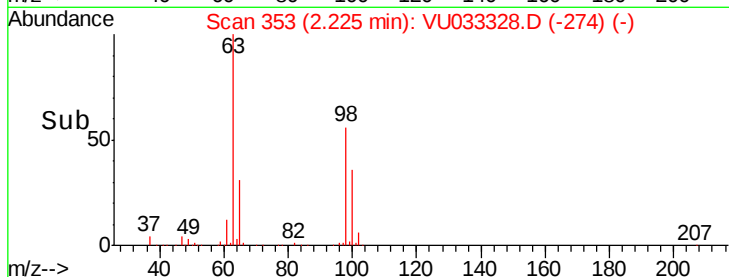
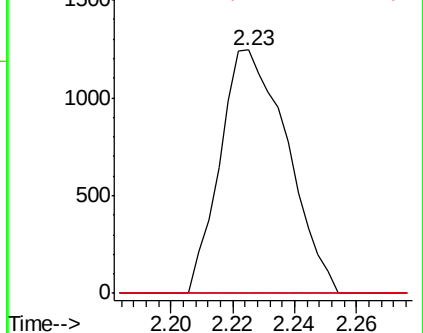
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.732 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.04 min

Lab File: VU033328.D

Acq: 18 Jul 2019 19:26

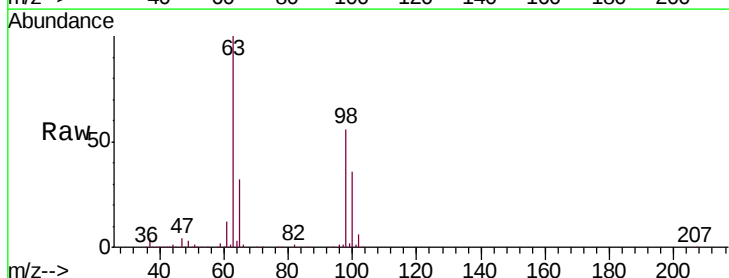
Tgt Ion: 96 Resp: 1873

Ion Ratio Lower Upper

96 100

61 1487.0 126.1 234.1#

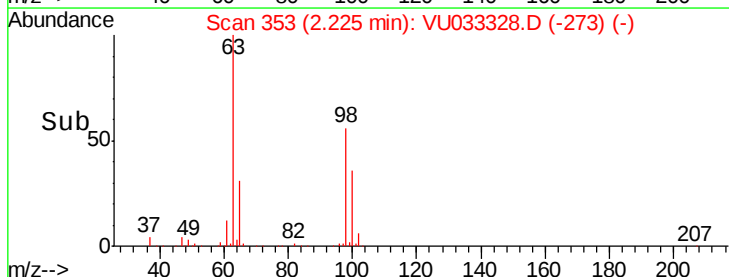
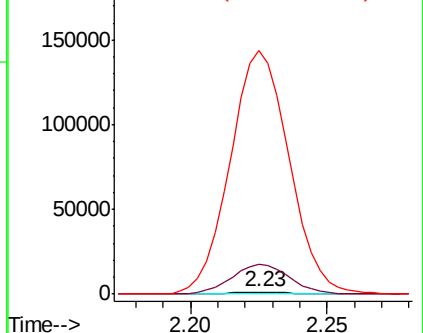
63 12084.1 96.8 179.8#

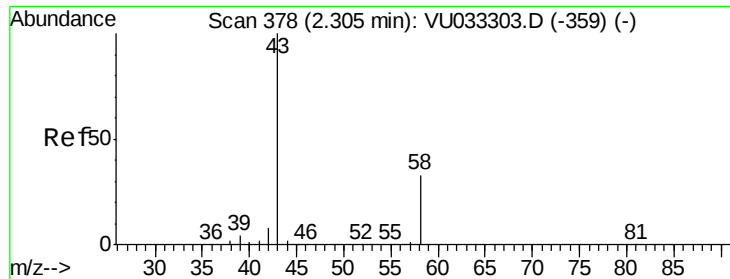


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.709 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.02 min

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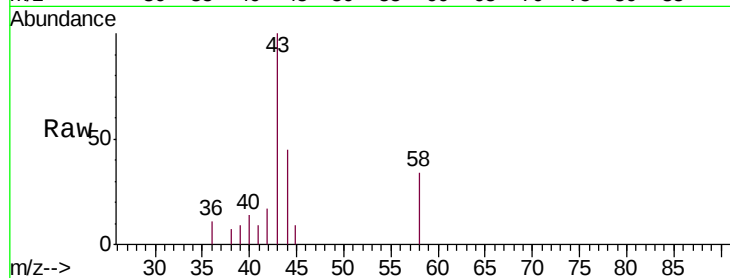
A52G5

Tgt Ion: 43 Resp: 3925

Ion Ratio Lower Upper

43 100

58 29.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033328.D (-384) (-)

Ion 58.00 (57.70 to 58.70): VU033328.D (-384) (-)

2000

1500

1000

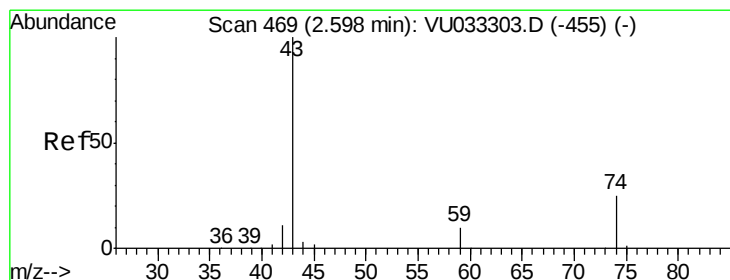
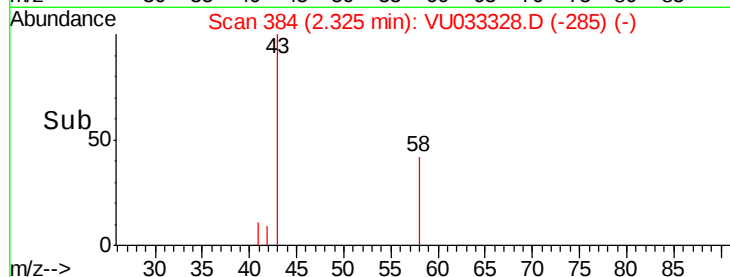
500

0

Time-->

2.25 2.30 2.35 2.40

2.32



#15

Methyl Acetate

Concen: 3.813 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU033328.D

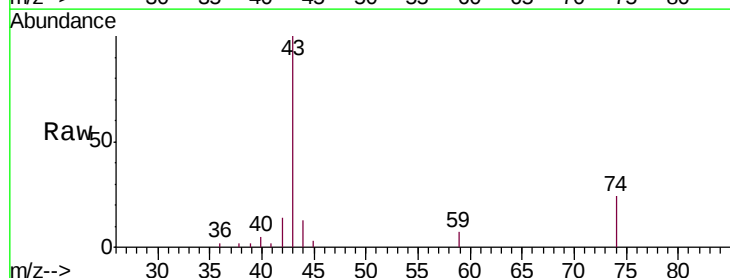
Acq: 18 Jul 2019 19:26

Tgt Ion: 43 Resp: 11434

Ion Ratio Lower Upper

43 100

74 26.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VU033328.D (-472) (-)

Ion 74.00 (73.70 to 74.70): VU033328.D (-472) (-)

6000

4000

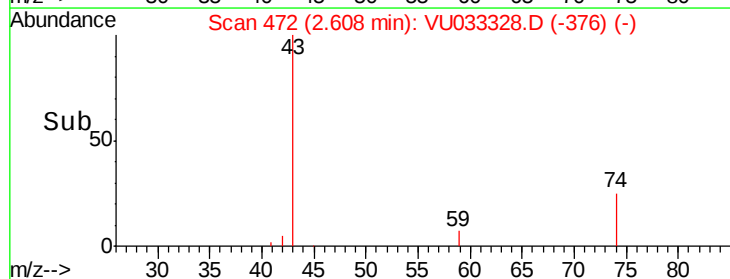
2000

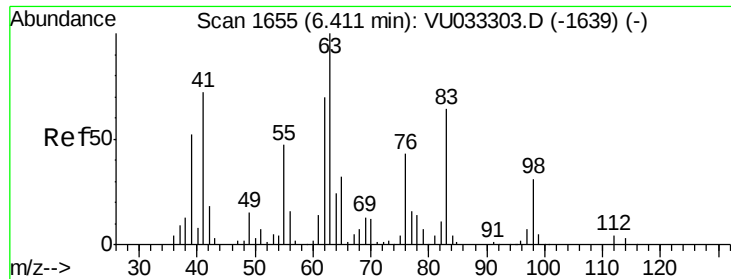
0

Time-->

2.55 2.60 2.65

2.61

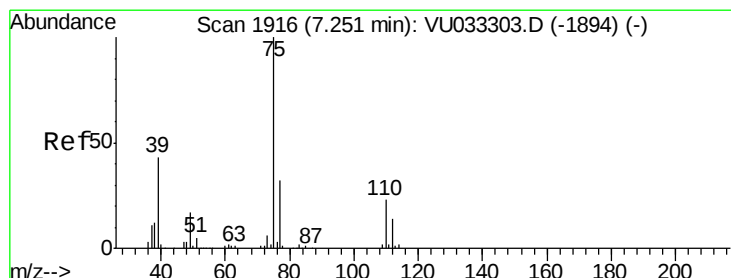
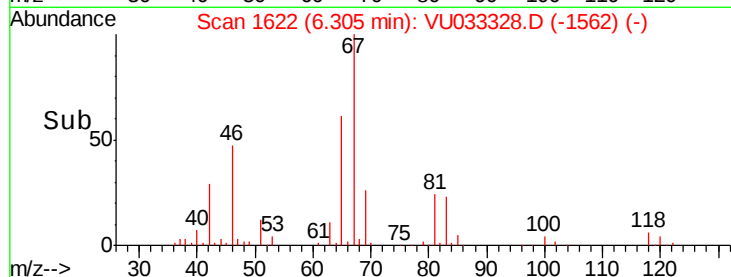
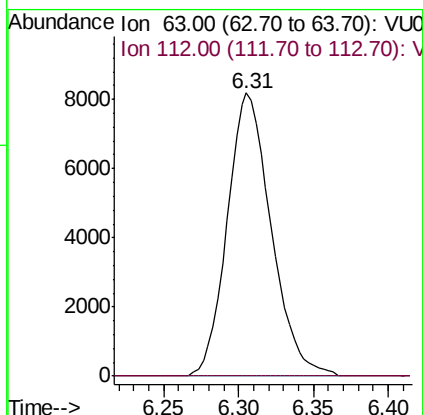
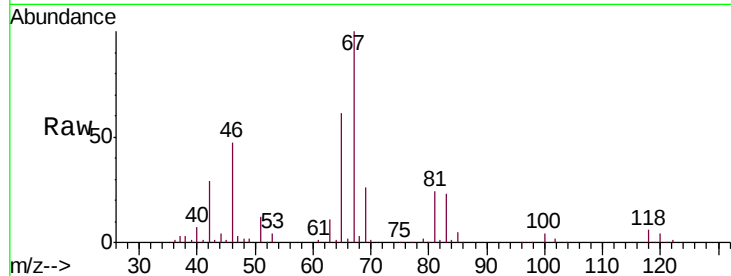




#37
 1,2-Dichloropropane
 Concen: 5.612 ug/L
 RT: 6.31 min Scan# 1622
 Delta R.T. -0.11 min
 Lab File: VU033328.D
 Acq: 18 Jul 2019 19:26

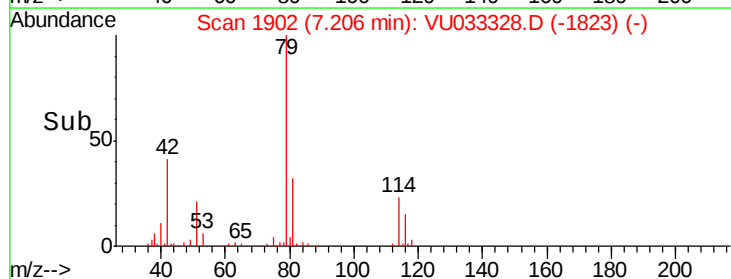
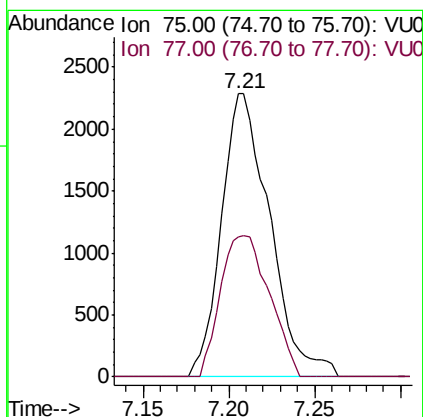
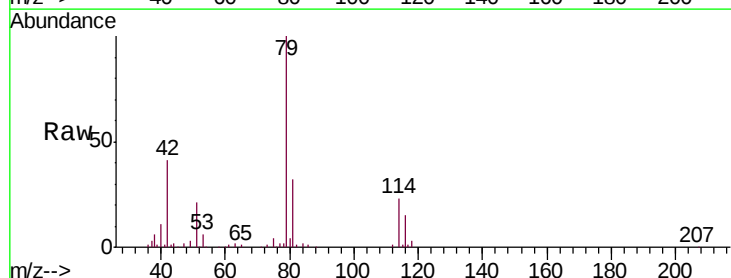
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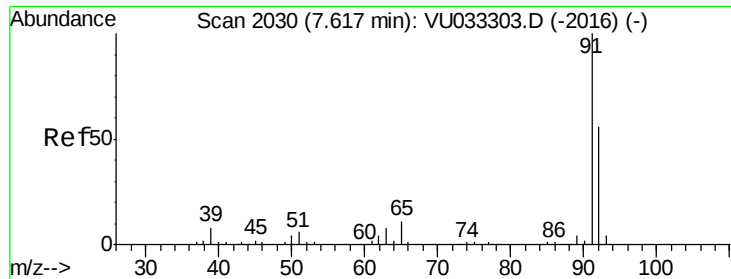
Tgt Ion: 63 Resp: 16719
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.984 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
 Lab File: VU033328.D
 Acq: 18 Jul 2019 19:26

Tgt Ion: 75 Resp: 4494
 Ion Ratio Lower Upper
 75 100
 77 49.5 23.1 42.9#





#42

Toluene

Concen: 0.364 ug/L

RT: 7.62 min Scan# 2032

Delta R.T. 0.01 min

Lab File: VU033328.D

Acq: 18 Jul 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

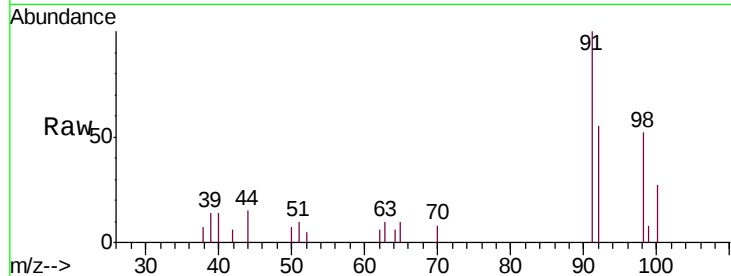
A52G5

Tgt Ion: 91 Resp: 4312

Ion Ratio Lower Upper

91 100

92 54.9 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VU033328.D (-2016) (-)

Ion 92.00 (91.70 to 92.70): VU033328.D (-2016) (-)

7.62

2000

1500

1000

500

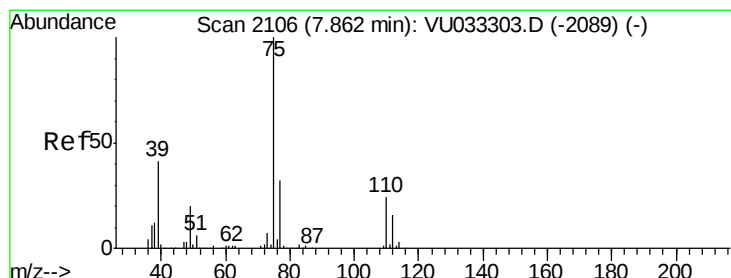
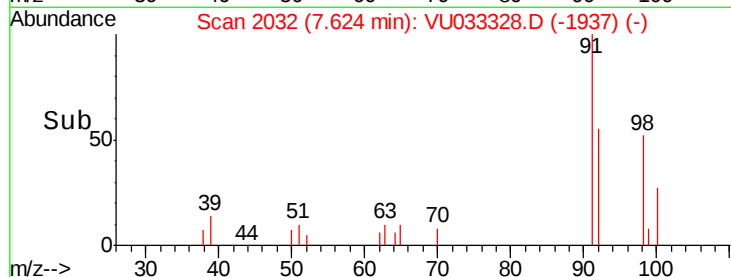
0

7.55

7.60

7.65

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.854 ug/L

RT: 7.83 min Scan# 2097

Delta R.T. -0.03 min

Lab File: VU033328.D

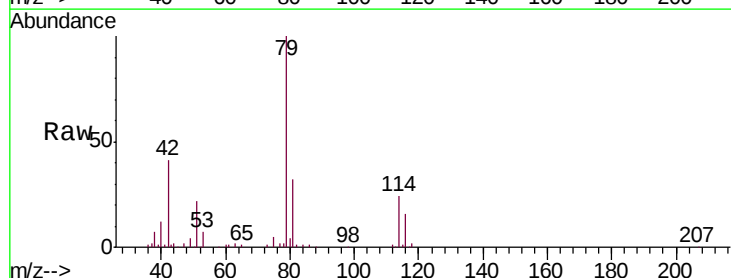
Acq: 18 Jul 2019 19:26

Tgt Ion: 75 Resp: 3520

Ion Ratio Lower Upper

75 100

77 37.8 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VU033328.D (-2013) (-)

Ion 77.00 (76.70 to 77.70): VU033328.D (-2013) (-)

7.83

2000

1500

1000

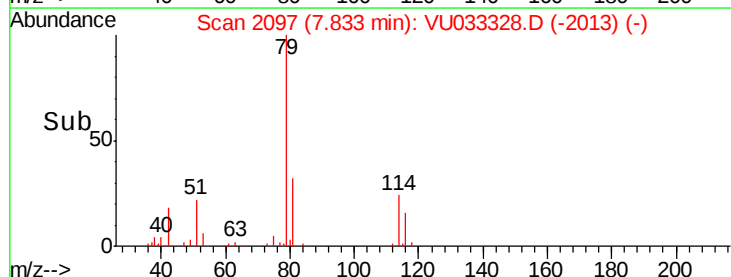
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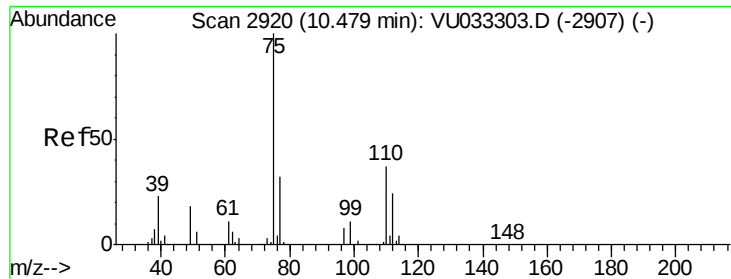
0

7.80

7.85

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.960 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033328.D

Acq: 18 Jul 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

A52G5

Tgt Ion: 75 Resp: 23115

Ion Ratio Lower Upper

75 100

77 37.9 26.0 39.0

